ABSTRACT

## Recognition of Real-Time Voice and Data Traffic

5    A method and apparatus for monitoring traffic in telecommunications networks, in particular applied to the problem of recognising real-time traffic such as voice traffic in packet- or cell-based networks through network traffic characterisation. The method classifies data traffic in a packet-based communications network conveying different classes of data through the monitoring of data traffic so as to identify sequences of data

10   packets of unknown class transmitted between a source address and a destination address, subsequently measuring parameters of at least a significant part of the packet sequence and deriving from the measured parameters a probable classification of the data conveyed in the packet sequence.

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(Fig. 4)